

Affiliated with Beth Israel Deaconess Medical Center

## e-Health Initiative Awards October 11, 2007

Improving population health



#### **Joslin Clinic**

- Nation's oldest and largest healthcare organization dedicated to to care and research specifically in diabetes
- Ambulatory care, basic research, clinical trials and clinical research
- 80,000 ambulatory visits per year
- Endocrinology, nephrology, behavioral medicine, education, exercise, ophthalmology, and specialty programs
- Clinically affiliated with Beth Israel Deaconess Medical Center,
   Children's Hospital Boston
  - **Teaching affiliate of Harvard Medical School**





# Challenges of caring for patients with diabetes

- Management of core disease and associated multisystem complications
- Management in accordance with national quality indicators
- Active patient participation to achieve sustained lifestyle and behavioral change
- Multiple care providers and specialties involved in care planning and management
- Multiple sites of care typically involved in care management
- Large population and individual care management
- Meeting payer demands for P4P to maximize reimbursement
- Improving provider to provider quality of care
- Accessing data for clinical research and industry sponsored trails





#### **Joslin Goals**

- Engage providers across the continuum to coordinate care plans, and to share information relevant to individual specialties and the patient's overall health;
- Implement workflow processes, tools and alerts to ensure provider adherence to clinical guidelines;
- Enhance the delivery of care and measurably improve clinical outcomes;
- Create a bridge between basic research, clinical research and clinical care.



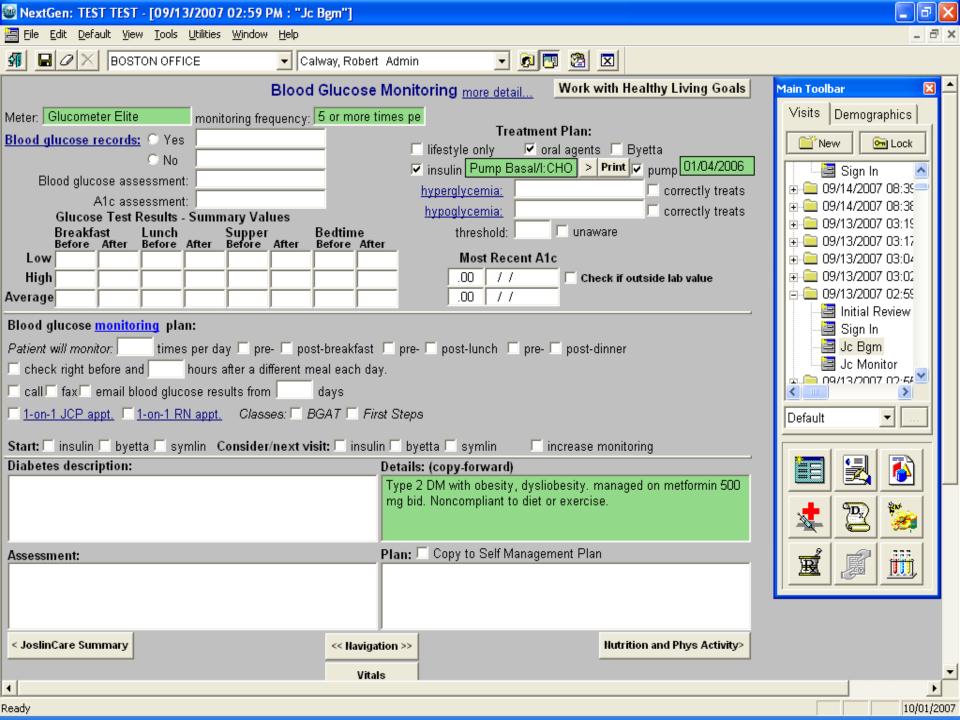


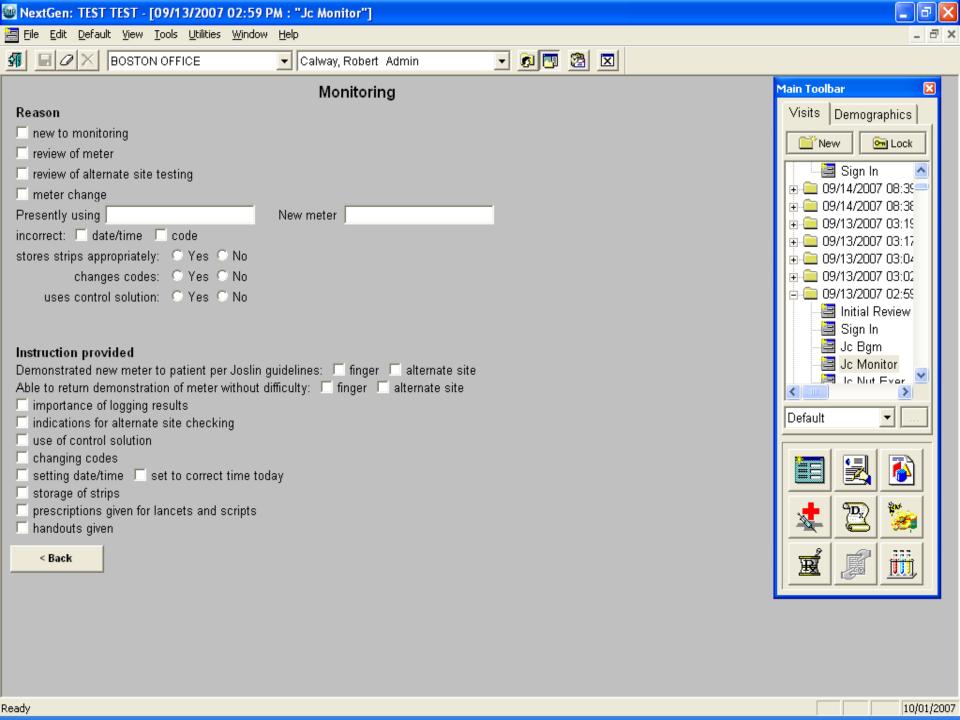
#### **Joslin Solution**

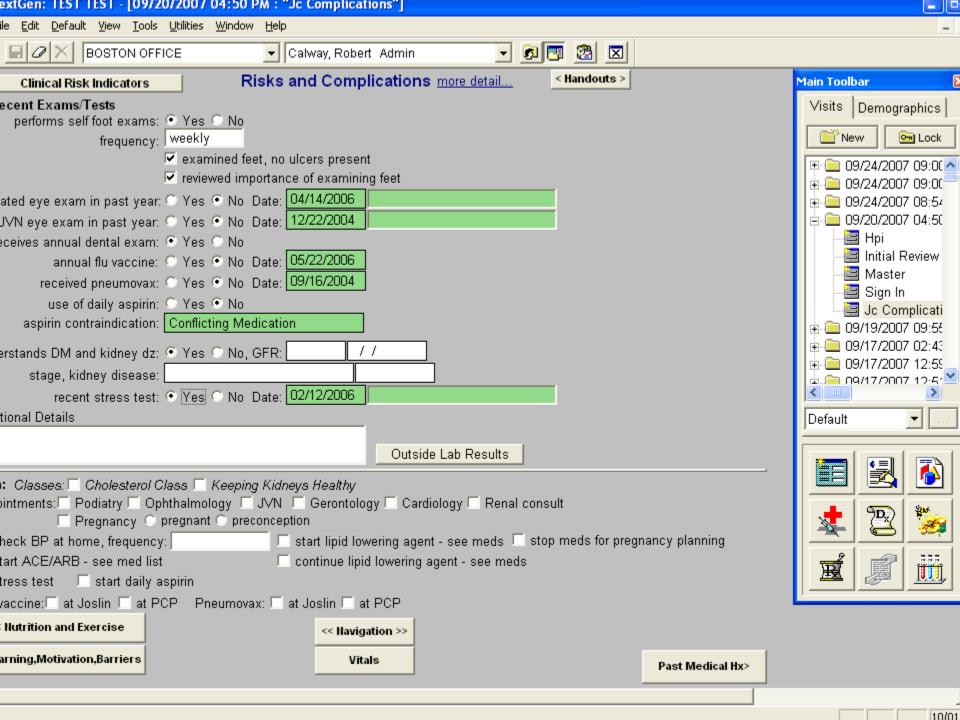
- EMR utilizing
  - Discrete data
  - Customized programming
- Data collection as discrete data to create patient report cards
  - Migrating to patient portals
- Template design to accommodate multiple providertype data entry
- Patient care plans
- Individual provider performance
- Aggregate departmental performance

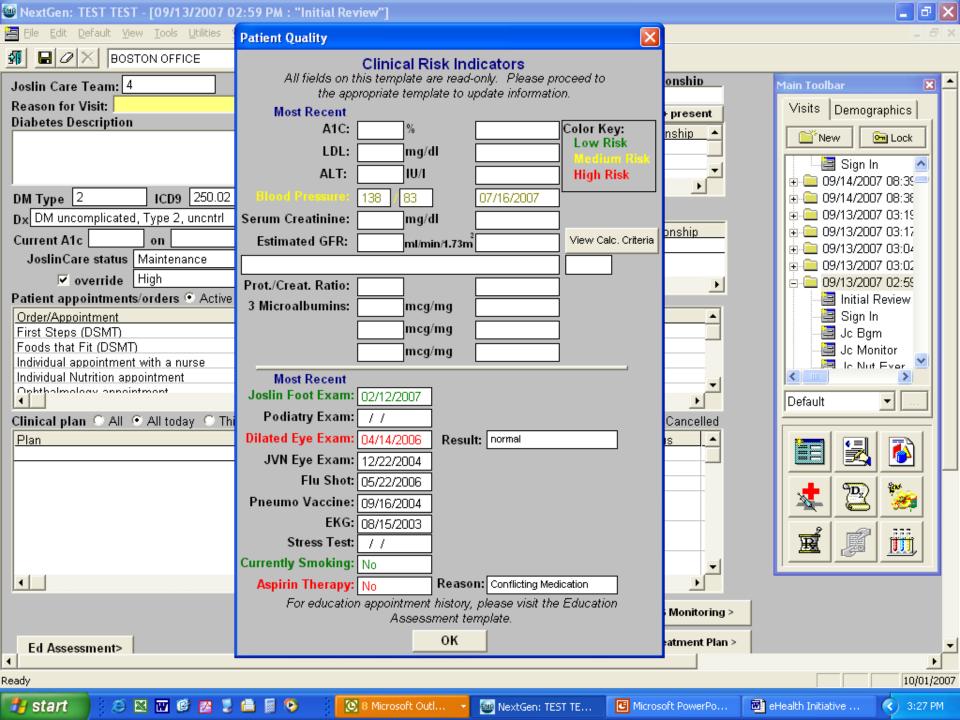


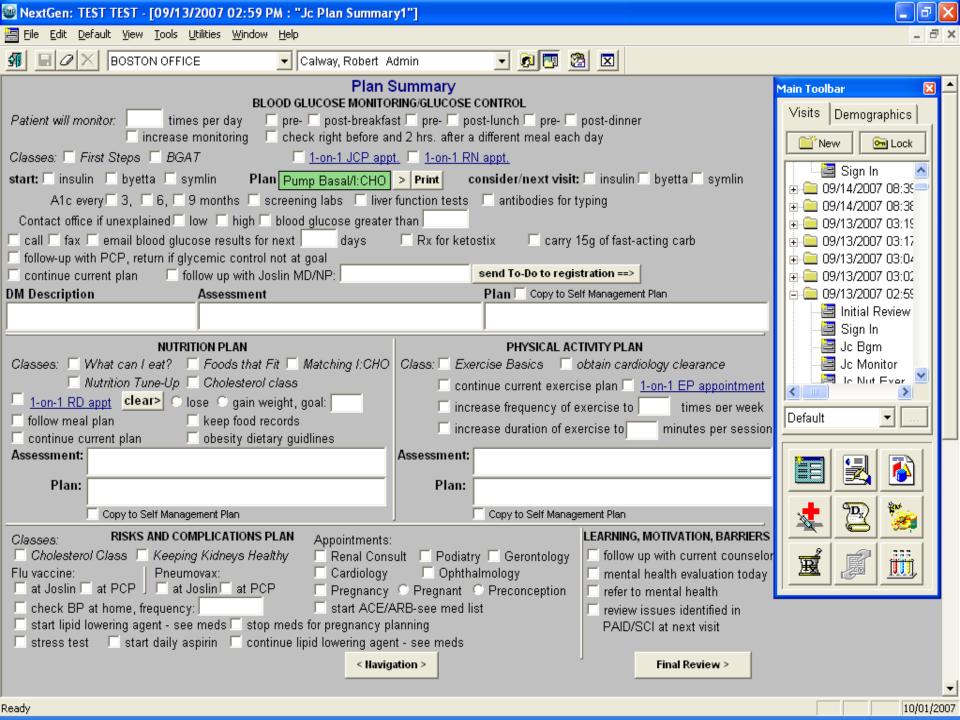


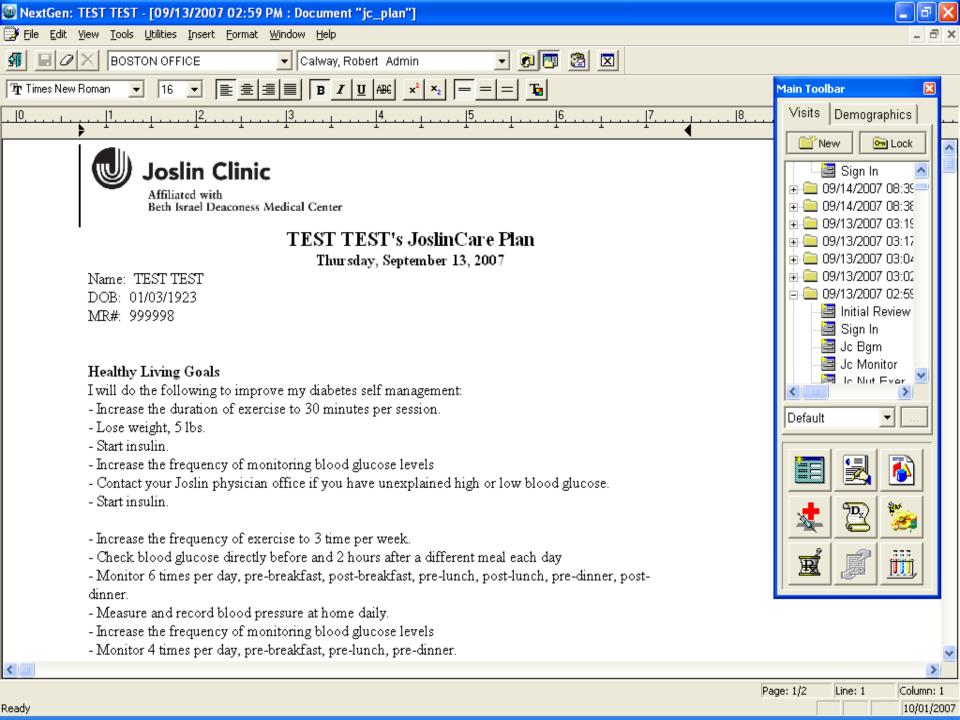


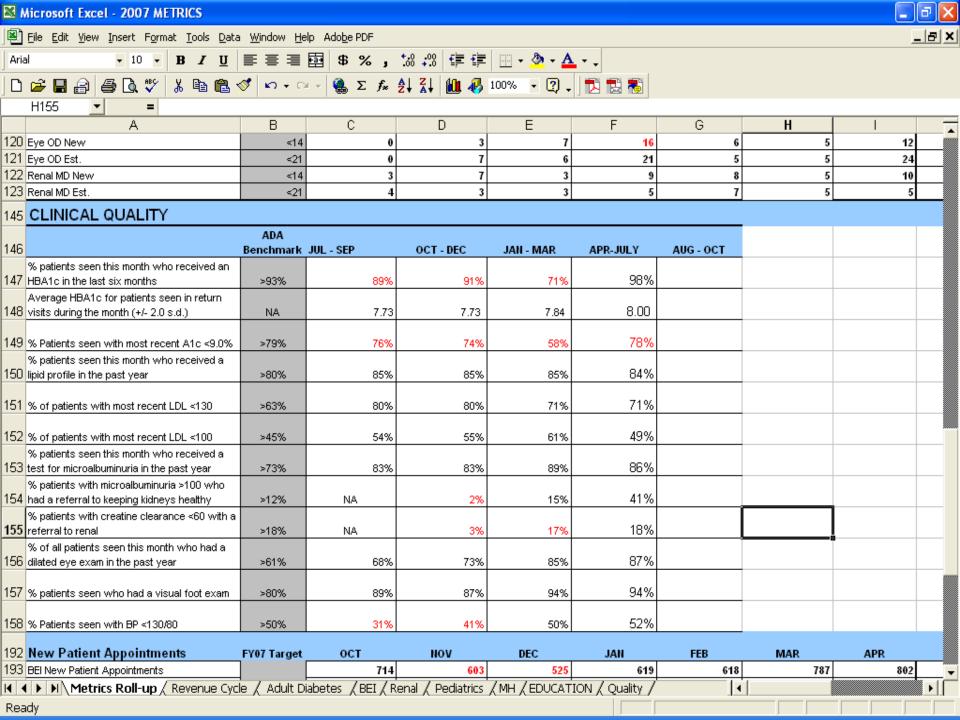












### Reaping the investment of EMR

- Inter-organizational communication
- E-prescribing
- Data warehousing for clinical research and clinical trials

Patient self-service kiosks



